

Mercury Glass Luminaries
A Generation Green™ Recycle Project



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PROJECT TITLE:
Mercury Glass Luminaries from Discarded Jars

DESIGNED BY:
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SKILL LEVEL: *(Adult 1-5: 1 being the easiest, 5 being most difficult)*
3

TIME TO COMPLETE:
2 hours (does not include drying time.)

PROJECT TIP:

- Always, wear safety goggles when using glass-crafting tools. Everyday eyeglasses have only impact resistant lenses.
- To ensure top performance keep your bottle cutter blade oiled.

VENDOR NAME:
Diamond Tech

INSTRUCTIONS:
Read and carefully following the instructions contained within the **Generation Green (g²)™** bottle cutter manual.

1. Cover the work area with craft or newspaper.
2. For our luminaries we used a spaghetti sauce and a pickle jar. You can choose to use any jar you desire. Measure up from the bottom of each 1" and mark with a Sharpie®.
3. Using the bottle cutter, follow the instructions for scoring and separating glass jars. Separate jar where indicated.
4. Smooth the rough edges as instructed in the bottle cutter manual.
5. Clean your bottle inside and out with a window cleaner or for a more natural cleaner use a mixture of 1 cup of water to 2 tablespoons of vinegar. Dry glass surface.
6. Mask off the area around the outside of each jar with newspaper and masking tape. This will prevent any overspray from getting on the outside of the bottle.
7. Finely mist the inside of each jar with water. Less is more, as you do not want the water to drip.
8. Shake a can of Krylon® "Looking Glass" paint for 2 minutes. Spray a very light coat of paint on the inside of the glass. Keep the coat very light. If the paint starts to run, roll the jar and let it dry upside down for about 3 minutes.

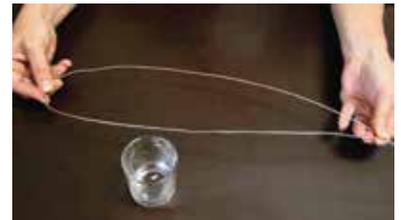


FIG. 1

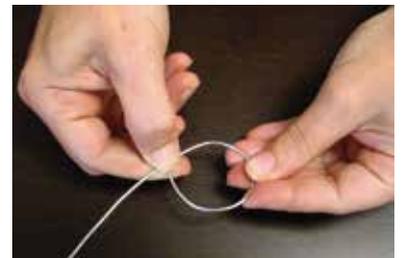


FIG. 2

9. When dry, spray extra light coats if necessary until you get your desired look. Dry the jars upside down on a rack. For 2 minutes between coats.
10. Take a damp paper towel and scrunch it up. Carefully put it inside the glass jar and press carefully against the paint. For a crackled look, press the paper towel and twist slightly which will break up the paint. A combination of patting and twisting will give you a more vintage look.

OPTION: For an even more vintage mercury glass look, apply a dark brown glaze on the inside of the glass when the silver is all the way dry. Blot it lightly and gently with a damp sponge or foam brush.

11. Thread two 7mm jump rings through the slots of a flexible pipe clamp, making sure the rings are positioned opposite each other.
12. Open a link at one end of the jack chain and attach it to the one jump ring, pinch link closed. Do the same with the opposite end of the chain.
13. Place the clamp over the mouth of the jar and tighten the screw on the flexible pipe clamp tightening the clamp around the jar.
14. To create the votive holder, find the center of a 36" section the tinned cooper wire (FIG. 1). Twist the wire in the center to form a loop a bit smaller then the base of the glass votive holder (FIG. 2). Make one twist to hold wire together and bend both wires at a 90 degree angle (FIG. 3).
15. Begin wrapping one end of the wire around the glass votive leaving about 2.5" untwisted. Do the same for the second wire but twist in the opposite direction (FIG. 4). Make a slight bend in the wire so it faces up (FIG. 5).
16. Using needle nose pliers, bend the ends to form a hook at each end (FIG. 6).
17. Place the votive inside the wire cage and insert inside the jar so the hooks slip onto the lip of the top of the jar.
18. Repeat steps 11 - 16 for the second jar.
19. Place small votive or tea light inside each votive holder and hang with an "s" hook for a bit of holiday glamour.

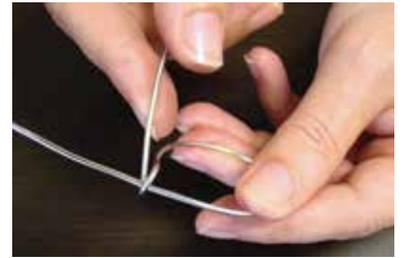


FIG. 3



FIG. 4



FIG. 5



FIG. 6

MATERIALS CHECKLIST:

Generation Green™ (g²) Bottle Cutter

2 Discarded Jars (pickle or spaghetti sauce will do fine)

Krylon® Looking Glass™ Spray Paint

Sharpie® Marker

Spray Bottle of Water (set on fine mist)

Masking Tape

Paper Towels

2 - 2 3/4" Stainless Steel Pipe Clamps (this size will work for most jars, you may have to go up or down a size for larger or smaller containers)

4 - 7mm Jump Rings

36" - 16 Gauge Jack Chain, Cut into 1 12" and 1 24" Sections

72" - 14 Gauge Tinned Copper Wire, Cut into 2 - 36" Sections

2 - "S" Hooks

2 - Votive Holders

2 - Votives

Flathead Screwdriver (to tighten clamp)

OPTIONAL:

Brown Glaze

Votive Candle or Tea Light